

PPCBoot 2.2.2b (Aug 1 2013 - 10:09:52)

PPCBoot code: 33F00000 -> 33F15DFC BSS: -> 33F19254

DRAM Configuration:

Bank #0: 30000000 64 MB

Flash Memory Start 0x1000000

Device ID of the Flash is 18

intel E28F128J3A150 init finished!!!

Flash: 16 MB

Stop linux now(y/n):n## Booting image at 30008000 ...

copy kernel done

copy ramdisk done

Setup linux parameters at 0x30000100

linux command line is: "initrd=0x30800000,0x440000 root=/dev/ram init=/linuxrc  
console=ttyS0"

Uncompressing

Linux.....  
..... done, booting the kernel.

Linux version 2.6.29.2-V2.9 (root@linux-tt) (gcc version 3.4.1) #38 Wed Oct 28  
12:25:46 CST 2015

CPU: ARM920T [41129200] revision 0 (ARMv4T), cr=c0007177

CPU: VIVT data cache, VIVT instruction cache

Machine: SMDK2410

ATAG\_INITRD is deprecated; please update your bootloader.

Memory policy: ECC disabled, Data cache writeback

CPU S3C2410A (id 0x32410002)

S3C24XX Clocks, (c) 2004 Simtec Electronics

S3C2410: core 202.800 MHz, memory 101.400 MHz, peripheral 50.700 MHz

CLOCK: Slow mode (1.500 MHz), fast, MPLL on, UPLL on

USB Control, (c) 2007 sbc2410

Mark: usb\_sbc2410\_init, upllvalue = 78023

Built 1 zonelists in Zone order, mobility grouping on. Total pages: 8128

Kernel command line: initrd=0x30800000,0x440000 root=/dev/ram init=/linuxrc  
console=ttyS0

irq: clearing pending ext status 00080000

irq: clearing subpending status 00000002

PID hash table entries: 128 (order: 7, 512 bytes)

Console: colour dummy device 80x30

console [ttyS0] enabled

Dentry cache hash table entries: 4096 (order: 2, 16384 bytes)

Inode-cache hash table entries: 2048 (order: 1, 8192 bytes)

Memory: 32MB = 32MB total

Memory: 25244KB available (2492K code, 233K data, 120K init)

Calibrating delay loop... 100.96 BogoMIPS (lpj=252416)

Mount-cache hash table entries: 512

CPU: Testing write buffer coherency: ok

net\_namespace: 520 bytes

NET: Registered protocol family 16

S3C2410 Power Management, (c) 2004 Simtec Electronics

S3C2410: Initialising architecture

S3C24XX DMA Driver, (c) 2003-2004,2006 Simtec Electronics  
DMA channel 0 at c2808000, irq 33  
DMA channel 1 at c2808040, irq 34  
DMA channel 2 at c2808080, irq 35  
DMA channel 3 at c28080c0, irq 36  
bio: create slab <bio-0> at 0  
SCSI subsystem initialized  
usbcore: registered new interface driver usbfs  
usbcore: registered new interface driver hub  
usbcore: registered new device driver usb  
NET: Registered protocol family 2  
IP route cache hash table entries: 1024 (order: 0, 4096 bytes)  
TCP established hash table entries: 1024 (order: 1, 8192 bytes)  
TCP bind hash table entries: 1024 (order: 0, 4096 bytes)  
TCP: Hash tables configured (established 1024 bind 1024)  
TCP reno registered  
NET: Registered protocol family 1  
checking if image is initramfs...it isn't (no cpio magic); looks like an initrd  
Freeing initrd memory: 4352K  
NetWinder Floating Point Emulator V0.97 (double precision)  
JFFS2 version 2.2. (NAND) © 2001-2006 Red Hat, Inc.  
msgmni has been set to 57  
io scheduler noop registered (default)  
s3c2410-uart.0: s3c2410\_serial0 at MMIO 0x50000000 (irq = 70) is a S3C2410  
s3c2410-uart.1: s3c2410\_serial1 at MMIO 0x50004000 (irq = 73) is a S3C2410  
s3c2410-uart.2: s3c2410\_serial2 at MMIO 0x50008000 (irq = 76) is a S3C2410  
brd: module loaded  
usbcore: registered new interface driver ub  
dm9000 Ethernet Driver, V1.31  
S3C24XX\_EXTINT0=0  
S3C24XX\_EXTINT0=4  
eth0 (dm9000): not using net\_device\_ops yet  
eth0: dm9000e at c285e300,c2862304 IRQ 16 MAC: 00:13:f6:6c:87:89 (eeprom)  
Linux video capture interface: v2.00  
usbcore: registered new interface driver uvcvideo  
USB Video Class driver (v0.1.0)  
SmartKey NOR-Flash Driver, (c) 2007 SmartKey Int'l  
S3c2410 Linux Flash: 0x01000000 at 0x00000000  
S3c2410 Linux Flash: probing 16-bit flash bus  
S3c2410 Linux Flash: Found 1 x16 devices at 0x0 in 16-bit bank  
Intel/Sharp Extended Query Table at 0x0031  
Using buffer write method  
cfi\_cmdset\_0001: Erase suspend on write enabled  
Creating 4 MTD partitions on "S3c2410 Linux Flash":  
0x000000000000-0x000000004000 : "Boot Loader"  
0x000000004000-0x000000024000 : "Kernel"  
0x000000024000-0x000000054000 : "ramdisk"  
0x000000054000-0x000000100000 : "jffs2(10.75M)"  
ohci\_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver  
s3c2410-ohci s3c2410-ohci: S3C24XX OHCI

s3c2410-ohci s3c2410-ohci: new USB bus registered, assigned bus number 1  
s3c2410-ohci s3c2410-ohci: irq 42, io mem 0x49000000  
s3c2410-ohci s3c2410-ohci: control=00000000, cmdstatus=00000000, intrstatus=00000000  
s3c2410-ohci s3c2410-ohci: intrenable=00000000, hcca=00000000,  
ed\_periodcurrent=00000000  
s3c2410-ohci s3c2410-ohci: ed\_controlhead=00000000, ed\_controlcurrent=00000000,  
ed\_bulkhead=00000000  
s3c2410-ohci s3c2410-ohci: ed\_bulkcurrent=00000000, donehead=00000000,  
fminterval=00002edf  
s3c2410-ohci s3c2410-ohci: fmremaining=00000000, fmnumber=00000000,  
periodicstart=00000000  
s3c2410-ohci s3c2410-ohci: lsthresh=00000628, rh: a=02001202, b=00000000,  
status=00000000  
usb usb1: New USB device found, idVendor=1d6b, idProduct=0001  
usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1  
usb usb1: Product: S3C24XX OHCI  
usb usb1: Manufacturer: Linux 2.6.29.2-V2.9 ohci\_hcd  
usb usb1: SerialNumber: s3c24xx  
usb usb1: configuration #1 chosen from 1 choice  
hub 1-0:1.0: USB hub found  
hub 1-0:1.0: 2 ports detected  
Initializing USB Mass Storage driver...  
usbcore: registered new interface driver usb-storage  
USB Mass Storage support registered.  
mice: PS/2 mouse device common for all mice  
S3C24XX RTC, (c) 2004,2006 Simtec Electronics  
s3c2410-rtc s3c2410-rtc: rtc disabled, re-enabling  
s3c2410-rtc s3c2410-rtc: rtc core: registered s3c as rtc0  
i2c /dev entries driver  
s3c2410-i2c s3c2410-i2c: slave address 0x10  
s3c2410-i2c s3c2410-i2c: bus frequency set to 99 KHz  
s3c2410-i2c s3c2410-i2c: i2c-0: S3C I2C adapter  
s3c2410-sdi s3c2410-sdi: host detect has no irq available  
mapped channel 0 to 0  
s3cmci\_set\_ios: SD Card lines were pull down  
s3c2410-sdi s3c2410-sdi: powered down.  
s3c2410-sdi s3c2410-sdi: initialisation done.  
mmc0: card possibly detected  
s3c2410-sdi s3c2410-sdi: running at 0kHz (requested: 0kHz).  
s3c2410-sdi s3c2410-sdi: running at 99kHz (requested: 99kHz).  
s3c2410-sdi s3c2410-sdi: running at 99kHz (requested: 99kHz).  
s3c2410-sdi s3c2410-sdi: running at 99kHz (requested: 99kHz).  
Registered led device: fg:green:status  
TCP cubic registered  
NET: Registered protocol family 17  
s3cmci\_set\_ios: SD Card lines were pull down  
s3c2410-sdi s3c2410-sdi: powered down.  
s3c2410-rtc s3c2410-rtc: hctosys: invalid date/time  
RAMDISK: Compressed image found at block 0  
VFS: Mounted root (ext2 filesystem) on device 1:0.

Freeing init memory: 120K  
mount /etc as ramfs  
re-create the /etc/mtab entries  
init started: BusyBox v1.00-pre2 (2013.07.05-07:13+0000) multi-call binary  
mount: Mounting /dev/mmcblk0p1 on /sdcard failed: No such device or address  
mount: Mounting /sdcard/web on /mnt/appweb/web/sdcard failed: No such file or directory  
mount: Mounting /sdcard/web on /mnt/appweb/web/public/sdcard failed: No such file or directory  
hwclock: settimeofday() failed: Invalid argument  
Thu Jan 1 00:00:09 UTC 1970  
dm9000 dm9000.0: WARNING: no IRQ resource flags set.  
eth0: link down  
Run default rc.local

Please press Enter to activate this console. -- MESSAGE  
[easyioFGSerial::FGSerial-COM2-v1.0.45.5] -> Linux started  
-- MESSAGE [easyioFGModbus::FGMbTCP-v1.0.45.26] -> Linux started

FG Monitoring V2.11  
-- MESSAGE [easyioFWP2p::FWP2p-v1.0.45.32.4] -> Linux started  
-- MESSAGE [easyioFWP2p::FWP2p-v1.0.45.32.4] -> P2P share memory loaded  
-- MESSAGE [easyioFWP2p::FWP2p-v1.0.45.32.4] -> Broadcast Heart Beat frequency : 34383  
-- MESSAGE [easyioFG::MbAsyncSlave-v1.0.45.13] -> Linux started  
MbTCPSlave-v1.0.45.32.5  
ModbusTCPSlave share memory loaded  
-- MESSAGE [easyioFGModbus::FGMbAsync-v1.0.45.26] -> Linux started  
-- MESSAGE [easyioFGModbus::FGMbAsync-v1.0.45.26] -> RETRY\_INTERVAL : 500 ms  
-- MESSAGE [easyioFGModbus::FGMbAsync-v1.0.45.26] -> REENABLE\_INTERVAL : 5000 ms  
-- MESSAGE [easyioFGModbus::FGMbAsync-v1.0.45.26] -> REENABLE\_RST\_INTERVAL : 5 minutes  
-- MESSAGE [easyioFGModbus::FGMbTCPGw-v1.0.45.25] -> Linux started

Sedona VM 1.0  
buildDate: Nov 14 2018 15:22:43  
endian: little  
blockSize: 4  
refSize: 4

Running SVM in Platform Mode  
Watchdog was enabled  
Can't open log file /var/log/appweb/error.log

appweb: Error: Can't write to ErrorLog  
appweb: Error: Ignoring bad directive "ErrorLog" at /mnt/appweb/conf/log.conf:10

-- MESSAGE [sys::App] starting  
-- MESSAGE [sox::SoxService] started port=1876  
-- MESSAGE [tcom::TComService] started port=5021

```
-- MESSAGE [sys::App] running
FG Series BACnet Service
BACnet Stack Version 0.8.4
BACnet App Version 1.39
Max APDU: 1476
appweb: 1: Started at Thu Jan 01 00:00:17 1970 UTC
appweb: 1: Starting host named: "127.0.0.1:80"
appweb: 1: Starting host named: "127.0.0.1:443"
appweb: 1: HTTP services are ready (single-threaded)
```

```
BusyBox v1.00-pre2 (2013.07.05-07:13+0000) Built-in shell (ash)
Enter 'help' for a list of built-in commands.
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```
-sh: can't access tty; job control turned off
# help
```

```
Built-in commands:
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```
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```
. : alias bg break cd chdir continue eval exec exit exp export
false fg hash help jobs kill let local pwd read readonly return
set shift times trap true type ulimit umask unalias unset wait
```

```
# ls
bin      lib      mnt      sdcard   var
dev      linuxrc  proc     tmp
etc      lost+found sbin     usr
#
```